

DECLARATION and POWER OF ATTORNEY for PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **IRREGULAR OPTICAL INTERCONNECTIONS TO COMPENSATE FOR NON-UNIFORMITIES IN ANALOG OPTICAL PROCESSORS**, the specification of which (check one) ☒ is attached hereto ☐ was filed on _____ as Application Serial No. _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a)-(d) or § 365(b) of any foreign application (s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date: | Priority Not Claimed | Certified Copy Attached? Yes No |
|--|---------|----------------------|-------------------------|------------------------------------|
|--|---------|----------------------|-------------------------|------------------------------------|

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

| Application Number(s) | Filing Date (MM/DD/YYYY) |
|-----------------------|--------------------------|
|-----------------------|--------------------------|

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or §365© of any PCT international application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| U.S. Parent Application Number | PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (If applicable) |
|-----------------------------------|-------------------|------------------------------------|---|
|-----------------------------------|-------------------|------------------------------------|---|

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, (list name and registration number), and hereby certify that the Government of the United States has the irrevocable right to prosecute this application:

| SEND CORRESPONDENCE TO: | DIRECT TELEPHONE CALLS TO: |
|-------------------------|----------------------------|
| James B. Bechtel, Esq. | James B. Bechtel, Esq. |
| NSWCDD (CD222) | Reg. No. 29,890 |
| Dahlgren, VA 22448-5100 | (540)653-8061 |

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Scott E. Spence

Inventor's signature Scott E. Spence Date 11 Oct 2001
 Residence: 2105 Sebastian Road, Fredericksburg, VA 22405
 Citizenship United States Post Office Address Same as above

Full name of second joint inventor, if any

Second Inventor's signature _____ Date _____
 Residence _____
 Citizenship _____ Post Office Address _____

Full name of third joint inventor, if any

Third Inventor's signature _____ Date _____
 Residence _____
 Citizenship _____ Post Office Address _____

Full name of fourth joint inventor, if any

Fourth Inventor's signature _____ Date _____
 Residence _____
 Citizenship _____ Post Office Address _____

Full name of fifth joint inventor, if any

Fifth Inventor's signature _____ Date _____
 Residence _____
 Citizenship _____ Post Office Address _____